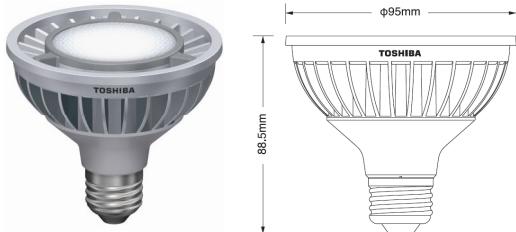


Specification sheet

TOSHIBA
Leading Innovation >>>



Product description
Model name
Product Code
EAN code
ITF code

Toshiba LED LAMP E-CORE™
LDRC1627WE7EUD
218-50409
4974550427166
24974550427160

■ The strong point of TOSHIBA E-CORE LED Lamp

- Low energy and high efficacy.
- Mercury Free
- Instant full light
- Low Heat Radiation
- Low UV radiation

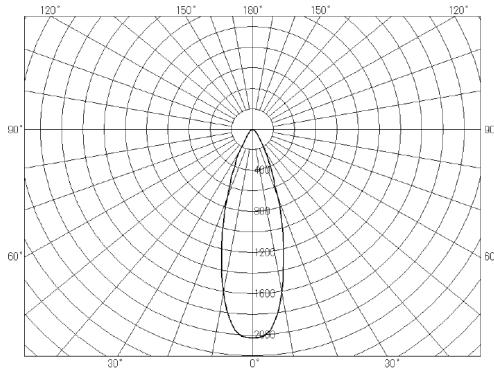
■ Technical DATA

Rated Voltage (V)	220-240
Rated Wattage (W)	16.0
Frequency (Hz)	50 / 60
Rated Input Current (mA)	90
Power Factor	0.77
Luminous Flux(lm)	(740)
Colour Description	Warm White
Colour Temperature (K)	2700
Colour Rendering Index (Ra)	80
Beam Angle (°)	32
CBCP (cd)	1500
Lamp Efficacy (lm / W)	(46.3)
Rated Lamp Lifetime (h)	40,000
Dimming	Dimmable*
Overall Length (mm)	88.5
Diameter (mm)	95
Net Weight (g)	310
Cap	E27
LED Min Lumens to claim wattage equivalence (W)	-

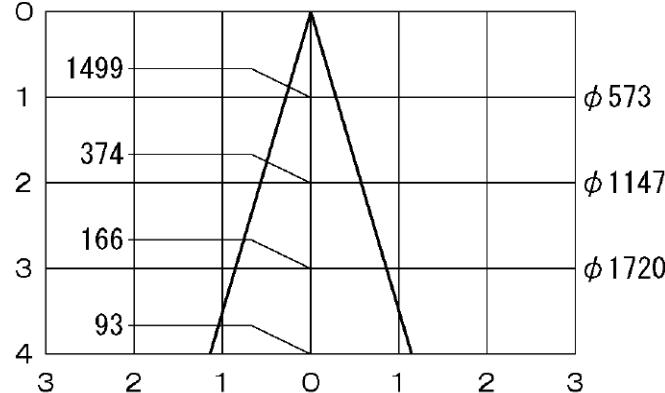
■ Packaging Details

Packaging Type(Std.Pkg.Q'ty)	Dimensions (L×W×H)	Gross Weight (g)	EAN / ITF CODE
Gift Box (1pce)	112mm×112mm×113mm	390g	4974550427166
Outer carton (6pcs)	343mm×231mm×123mm	2600g	24974550427160

LUMINOUS INTENSITY DISTRIBUTION CURVE (cd / 1000lm)

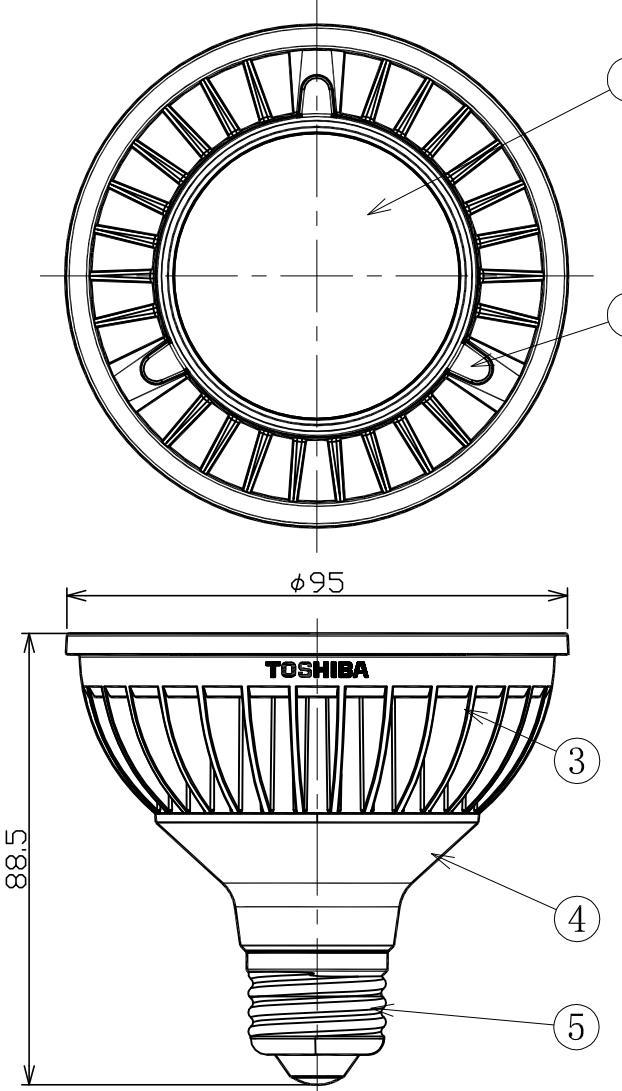


[Height (m)] [Unit (lx)] [Initial Value]



- * Some dimmers may cause flickering and no dimming at lower control level.
- When the dimmer is connected to numerous lamp, it may not be possible to dim the light to the lowest possible level.
- When dimming numerous lamps, respective colour or the timing of light out may differ.
- When turning on the light from 100% dimming, it may not turn on.

(2011.04.) 2011.05.



General Characteristics	
1	Rated Voltage (V)
2	220-240
3	Rated Wattage (W)
4	16.0
5	Frequency (Hz)
6	50 / 60
7	Rated Input Current (mA)
8	90
9	Power Factor
10	(0.77)
11	Luminous Flux (lm)
12	(740)
13	Colour Description
14	Warm White
15	Colour Temperature (K)
16	2700
17	Colour Rendering Index (Ra)
18	80
19	Beam Angle (°)
20	32
21	CBCP (cd)
22	1,500
14	Lamp Efficacy (lm/W)
15	(46.3)
16	Rated Lamp Lifetime(h)
17	40,000
18	Lumen Maintenance
19	70% at the rated lamp lifetime
20	Number of Switching Cycle
21	over 20,000 times
22	Dimming
16	Dimmable
17	Overall Length (mm)
18	88.5
19	Diameter (mm)
20	95
21	Net Weight (g)
22	310
16	Cap
17	E27
18	Starting time (s)
19	<0.5
20	LED Min Lumen to claim wattage equivalence (W)
21	-

No.	Part	Material
①	Lens	PC
②	Cover Plate	PC
③	Body	ADC12
④	Capper	PBT
⑤	Cap	Brass

Safety Information

⚠ WARNING

- Do not cover this product with paper or cloth, or put it close to anything easy to burn, otherwise, fire may occur.
- Some dimmers may cause flickering and no dimming at lower control level.
- When the dimmer is connected to numerous lamp, it may not be possible to dim the light to the lowest possible level.
- When dimming numerous lamps, respective colour or the timing of light out may differ.
- When turning on the light from 100% dimming, it may not turn on.
- When the voltage at the power supply is distorted, flickering may occur.
- When the AC voltage fluctuates at power supply, it may result in no dimming at lower control level or no light.
- Turn off the power before attaching a lamp to a lighting device, before detaching a lamp from a lighting device, or before cleaning a lighting device, otherwise, you may have an electric shock.

⚠ CAUTION

- Do not use this product in a way of being exposed to rain or raindrops, nor at a high level of humidity, otherwise, it may be damaged.
- Do not drop a lamp, nor have it hit some object, nor put a heavy load on it, nor apply any excessive pressure.
- Do not touch a lamp with your hand or skin when it is on or soon after it is turned off because it is hot, otherwise, you may have a burn.
- Attach this product to a socket firmly, otherwise, it may drop off, or may overheat or emit smoke because of bad contact.
- Use this product in the range of 5°C-40°C (41°F-104°F).
- If a lamp does not normally light, e.g., if it flashes sporadically, turn off the power and replace the lamp.
- Do not look at LED device directly.
- Do not spray a pesticide over this lamp.

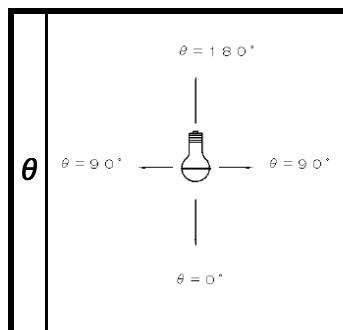
MODEL NO.		DESCRIPTION	
LDRC1627WE7EUD		TOSHIBA LED LAMP E-CORE™	
APPROVED BY		CHARGED BY	
M. Kamata		T. Tanaka	
3rd ANGLE	SCALE: —	UNIT: mm	DRAWING NO. BA2011-00064-02
TOSHIBA		TOSHIBA LIGHTING & TECHNOLOGY CORPORATION	

TOSHIBA LIGHTING EQUIPMENT ENGINEERING DATA SHEET

NAME	LED Lamp E-CORE™
MODEL NO.	LDRC1627WE7EUD
COVER	
OPTION NO.	
OPTION SPEC	

LAMP	
TYPE	LED
LUMEN OUTPUT	740 lm

BEAM ANGLE
32°
WATTAGE
16.0 W



REMARKS

THE DATA IS EARLY TYPICAL VALUE.

LUMINOUS INTENSITY (cd/1000lm)			
0°	2027	25	404
1°	2023	30	230
2°	2020	35	138
3°	2008	40	87
4°	1987	45	60
5°	1953	50	43
6°	1905	55	32
7°	1845	60	24
8°	1772	65	18
9°	1693	70	11
10°	1607	75	7
11°	1515	80	1
12°	1420	85	0
13°	1322	90	0
14°	1224		
15°	1128		
16°	1037		
17°	947		
18°	864		
19°	784		
20°	708		

LUMINOUS INTENSITY DISTRIBUTION CURVE (cd/1000lm)

